

Serial Number:

09/035, 708A

CRF Processing Date:

Edited by:

Verified by: (STIC sta

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Corrected publication information header errors.

RECEIVED

JUL 27 2001

TECH CENTER 1600/2900

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING

DATE: 07/11/2001

PATENT APPLICATION: US/09/035,708A

TIME: 12:57:20

Input Set : A:\Cpg.pto

Output Set: N:\CRF3\07112001\I035708A.raw

3 <110> APPLICANT: University of Cincinnati
 5 <120> TITLE OF INVENTION: METHOD OF DETECTING AXONAL DAMAGE, ASSOCIATED DISEASE
 6 STATES, AND RELATED MONOCLONAL ANTIBODIES AND PROTEIN
 7 CONTROLS THEREFOR
 9 <130> FILE REFERENCE: 1259-064
 11 <140> CURRENT APPLICATION NUMBER: 09/035,708A
 C--> 12 <141> CURRENT FILING DATE: 2001-05-11
 14 <160> NUMBER OF SEQ ID NOS: 1
 16 <170> SOFTWARE: PatentIn Ver. 2.1
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 441
 20 <212> TYPE: PRT
 21 <213> ORGANISM: human clone htau40 isoform reduced
 23 <300> PUBLICATION INFORMATION:
 24 <301> AUTHORS: Goedert, M.
 25 <302> TITLE: Multiple Isoforms of Human Microtubule-Associated Protein Tau:
 26 Sequences and Localization in Neurofibrillary Tangles of Alzheimer's
 27 Disease
 28 <303> JOURNAL: Neuron
 29 <304> VOLUME: 3
 30 <306> PAGES: 519-526
 31 <307> DATE: OCT-1989
 33 <400> SEQUENCE: 1
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 35 1 5 10 15
 37 Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met His
 38 20 25 30
 40 Gln Asp Gln Glu Gly Asp Thr Asp Ala Gly Leu Lys Glu Ser Pro Leu
 41 35 40 45
 43 Gln Thr Pro Thr Glu Asp Gly Ser Glu Glu Pro Gly Ser Glu Thr Ser
 44 50 55 60
 46 Asp Ala Lys Ser Thr Pro Thr Ala Glu Asp Val Thr Ala Pro Leu Val
 47 65 70 75 80
 49 Asp Glu Gly Ala Pro Gly Lys Gln Ala Ala Ala Gln Pro His Thr Glu
 50 85 90 95
 52 Ile Pro Glu Gly Thr Thr Ala Glu Glu Ala Gly Ile Gly Asp Thr Pro
 53 100 105 110
 55 Ser Leu Glu Asp Glu Ala Ala Gly His Val Thr Gln Ala Arg Met Val
 56 115 120 125
 58 Ser Lys Ser Lys Asp Gly Thr Gly Ser Asp Asp Lys Lys Ala Lys Gly
 59 130 135 140
 61 Ala Asp Gly Lys Thr Lys Ile Ala Thr Pro Arg Gly Ala Ala Pro Pro
 62 145 150 155 160
 64 Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg Ile Pro Ala Lys Thr Pro
 65 165 170 175
 67 Pro Ala Pro Lys Thr Pro Pro Ser Ser Gly Glu Pro Pro Lys Ser Gly
 68 180 185 190

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Input Set : A:\Cpg.pto

Output Set: N:\CRF3\07112001\I035708A.raw

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70 Asp Arg Ser Gly Tyr Ser Ser Pro Gly Ser Pro Gly Thr Pro Gly Ser
71      195      200      205
73 Arg Ser Arg Thr Pro Ser Leu Pro Thr Pro Pro Thr Arg Glu Pro Lys
74      210      215      220
76 Lys Val Ala Val Val Arg Thr Pro Pro Lys Ser Pro Ser Ser Ala Lys
77 225      230      235      240
79 Ser Arg Leu Gln Thr Ala Pro Val Pro Met Pro Asp Leu Lys Asn Val
80      245      250      255
82 Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys His Gln Pro Gly Gly
83      260      265      270
85 Gly Lys Val Gln Ile Ile Asn Lys Lys Leu Asp Leu Ser Asn Val Gln
86      275      280      285
88 Ser Lys Cys Gly Ser Lys Asp Asn Ile Lys His Val Pro Gly Gly Gly
89      290      295      300
91 Ser Val Gln Ile Val Tyr Lys Pro Val Asp Leu Ser Lys Val Thr Ser
92 305      310      315      320
94 Lys Cys Gly Ser Leu Gly Asn Ile His His Lys Pro Gly Gly Gly Gln
95      325      330      335
97 Val Glu Val Lys Ser Glu Lys Leu Asp Phe Lys Asp Arg Val Gln Ser
98      340      345      350
100 Lys Ile Gly Ser Leu Asp Asn Ile Thr His Val Pro Gly Gly Gly Asn
101      355      360      365
103 Lys Lys Ile Glu Thr His Lys Leu Thr Phe Arg Glu Asn Ala Lys Ala
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106 Lys Thr Asp His Gly Ala Glu Ile Val Tyr Lys Ser Pro Val Val Ser
107 385      390      395      400
109 Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser
110      405      410      415
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113      420      425      430
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/035,708A

DATE: 07/11/2001

TIME: 12:57:21

Input Set : A:\Cpg.pto

Output Set: N:\CRF3\07112001\I035708A.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/035,708A

DATE: 06/14/2001

TIME: 12:41:09

Input Set : A:\PTO.txt

Output Set: N:\CRF3\06142001\I035708.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: University of Cincinnati
W--> 4 <120> TITLE OF INVENTION: METHOD OF DETECTING AXONAL DAMAGE, ASSOCIATED DISEASE
W--> 5 STATES, AND RELATED MONOCLONAL ANTIBODIES AND PROTEIN
W--> 6 CONTROLS THEREFOR
W--> 7 <130> FILE REFERENCE: 1259-064
W--> 8 <140> CURRENT APPLICATION NUMBER: 09/035,708
C--> 9 <141> CURRENT FILING DATE: 2001-05-11
W--> 10 <160> NUMBER OF SEQ ID: 1
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13 <211> LENGTH: 441

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15 <213> ORGANISM: human clone httau40 isoform reduced

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22 <304> VOLUME: 3

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24 <307> DATE: OCT-1989

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27 1 5 10 15

29 Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met His

30 20 25 30

32 Gln Asp Gln Glu Gly Asp Thr Asp Ala Gly Leu Lys Glu Ser Pro Leu

33 35 40 45

35 Gln Thr Pro Thr Glu Asp Gly Ser Glu Glu Pro Gly Ser Glu Thr Ser

36 50 55 60

38 Asp Ala Lys Ser Thr Pro Thr Ala Glu Asp Val Thr Ala Pro Leu Val

39 65 70 75 80

41 Asp Glu Gly Ala Pro Gly Lys Gln Ala Ala Ala Gln Pro His Thr Glu

42 85 90 95

44 Ile Pro Glu Gly Thr Thr Ala Glu Glu Ala Gly Ile Gly Asp Thr Pro

45 100 105 110

47 Ser Leu Glu Asp Glu Ala Ala Gly His Val Thr Gln Ala Arg Met Val

48 115 120 125

50 Ser Lys Ser Lys Asp Gly Thr Gly Ser Asp Asp Lys Lys Ala Lys Gly

51 130 135 140

53 Ala Asp Gly Lys Thr Lys Ile Ala Thr Pro Arg Gly Ala Ala Pro Pro

54 145 150 155 160

56 Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg Ile Pro Ala Lys Thr Pro

57 165 170 175

59 Pro Ala Pro Lys Thr Pro Pro Ser Ser Gly Glu Pro Pro Lys Ser Gly

60 180 185 190

No response for
<300>. It is a blank
line feature.

RAW SEQUENCE LISTING

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77 Gly Lys Val Gln Ile Ile Asn Lys Lys Leu Asp Leu Ser Asn Val Gln
78      275      280      285
80 Ser Lys Cys Gly Ser Lys Asp Asn Ile Lys His Val Pro Gly Gly Gly
81      290      295      300
83 Ser Val Gln Ile Val Tyr Lys Pro Val Asp Leu Ser Lys Val Thr Ser
84 305      310      315      320
86 Lys Cys Gly Ser Leu Gly Asn Ile His His Lys Pro Gly Gly Gly Gln
87      325      330      335
89 Val Glu Val Lys Ser Glu Lys Leu Asp Phe Lys Asp Arg Val Gln Ser
90      340      345      350
92 Lys Ile Gly Ser Leu Asp Asn Ile Thr His Val Pro Gly Gly Gly Asn
93      355      360      365
95 Lys Lys Ile Glu Thr His Lys Leu Thr Phe Arg Glu Asn Ala Lys Ala
96      370      375      380
98 Lys Thr Asp His Gly Ala Glu Ile Val Tyr Lys Ser Pro Val Val Ser
99 385      390      395      400
101 Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser
102      405      410      415
104 Ile Asp Met Val Asp Ser Pro Gln Leu Ala Thr Leu Ala Asp Glu Val
105      420      425      430
107 Ser Ala Ser Leu Ala Lys Gln Gly Leu
108      435      440

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DATE: 06/14/2001

TIME: 12:41:10

Input Set : A:\PTO.txt

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L:7 M:283 W: Missing Blank Line separator, <130> field identifier
L:8 M:283 W: Missing Blank Line separator, <140> field identifier
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:10 M:283 W: Missing Blank Line separator, <160> field identifier
L:12 M:283 W: Missing Blank Line separator, <210> field identifier
L:16 M:283 W: Missing Blank Line separator, <300> field identifier
L:16 M:256 W: Invalid Numeric Header Field, <300> has non-blank data
L:18 M:281 W: Numeric Fields not Ordered, <302> Sort in ascending order!
L:25 M:283 W: Missing Blank Line separator, <400> field identifier